

DERWENT-ACC-NO: 1975-14612W

DERWENT-WEEK: 197509

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TITLE: Chemical treatment of aq. effluents - with
calcium carbonate combined with acidic substances, oil
adsorbers and flocculating agents

PATENT-ASSIGNEE: H E GUBELA[GUBEI]

PRIORITY-DATA: 1973DE-2340326 (August 9, 1973) , 1973DE-2341415
(August 16,
1973)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
DE 2340326 A	February 20, 1975	N/A
000 N/A		

INT-CL (IPC): C02C005/02

ABSTRACTED-PUB-NO: DE 2340326A

BASIC-ABSTRACT:

Chemical treatment of aq. effluents and regulation of the their pH comprises adding to them calcium carbonate in combination with an acid substance, such as an acid, an acidic metal sulphate (e. g. aluminium or iron sulphate), or an amidosulphonic acid. Pref. an oil-adsorbing agent, esp. a comminuted polyurethane foam and a flocculating agent, esp. a polyelectrolyte based on an acrylate and/or alginate are also added. Used in the purification of aq. effluents, including oil-in-water emulsions, colloidal solns., suspensions of solid materials, etc., esp. effluents from metallurgical plants, motor car works, rubber plants etc. Effluents are effectively purified in one operation, which can be carried out continuously. Oil-in-water emulsions are

rapidly
broken down. Impurities are flocculated and pptd.

TITLE-TERMS: CHEMICAL TREAT AQUEOUS EFFLUENT CALCIUM CARBONATE
COMBINATION

ACIDIC SUBSTANCE OIL ADSORB FLOCCULATE AGENT

DERWENT-CLASS: A97 D15

CPI-CODES: A12-M; A12-W11; D04-B02;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS: .

Multipunch Codes: 012 03- 032 352 397 399 426 436 61- 012 04- 040 074
150 259

413 491 532 533 534 54- 61- 623 624 647 688 721